



## Agenda Item No. 2b

METROPOLITAN  
TRANSPORTATION  
COMMISSION  
SERVICE AUTHORITY  
FOR FREEWAYS  
AND EXPRESSWAYS

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### *Memorandum*

TO: Operations Committee

DATE: April 5, 2013

FR: Executive Director

W.I.: 6037

RE: Contract Amendment – Freeway Performance Initiative: Cambridge Systematics Inc. (\$35,000)

This memorandum requests Committee approval of a contract amendment with Cambridge Systematics, Inc. (Cambridge Systematics) in an amount not to exceed \$35,000 to develop a new methodology for monitoring freeway performance and determining trends in congestion on Bay Area freeways.


#### Background

In March 2006, the Commission directed staff to develop a freeway strategic plan, called the Freeway Performance Initiative (FPI). In October 2006, MTC entered into a set of competitively-procured contracts with four consulting firms (including Cambridge Systematics) to perform technical assessments of the major freeway corridors in the Bay Area. The initial contract amount for Cambridge Systematics was for \$300,000 to conduct the first phase of freeway corridor studies. Since then, this Committee has authorized additional contract amendments to continue providing services for the FPI program, including \$604,000 for a second phase of freeway corridor studies and approximately \$217,000 for work related to freeway congestion and performance monitoring, regional express bus service, and the Bay Area transportation systems management and operations institutional structure. To date, the current total contract amount is \$1,121,309.

The proposed amendment would provide for Cambridge Systematics to assist in developing a new, more cost-effective methodology for identifying the Bay Area's congested freeway segments using a combination of commercially-available speed data and data obtained from Caltrans' Freeway Performance Measurement System (PeMS) database. The older methodology, which was primarily based on floating/probe vehicle runs conducted by Caltrans, has become cost-prohibitive, and has been discontinued. This amendment, in the amount of \$35,000, would bring Cambridge Systematics' contract total contract amount to \$1,156,309. Funds for this amendment are included in the current FY 2012-13 MTC SAFE budget.

Recommendation

Staff recommends that this Committee authorize the Executive Director or his designee to negotiate and enter into a contract amendment with Cambridge Systematics, in an amount not to exceed \$35,000 to develop a new methodology for monitoring freeway performance and determining trends in congestion on Bay Area freeways.



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Steve Heminger

SH: LL

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## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Contract Amendment

Work Item No.:	6037
Contractor(s):	Cambridge Systematics, Inc., Oakland, CA
Work Project Title:	Freeway Performance Initiative
Purpose of Project:	Provide services under the Freeway Performance Initiative program, including technical assessments of major freeway corridors, development of a Regional Ramp Metering Strategic Plan, and congestion monitoring support.
Brief Scope of Work:	Using a combination of commercially-available speed data and PeMS data, establish a new methodology for monitoring freeway performance and determining trends in congestion on Bay Area freeways.
Project Cost Not to Exceed:	\$35,000 (this amendment) Total contract before this amendment: \$1,121,309 Total Authorized Contract after this amendment: \$1,156,309
Funding Source:	CMAQ/SAFE
Fiscal Impact:	Project is included in FY2012-13 MTC SAFE budget.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with Cambridge Systematics, Inc. to provide consulting services described above and in the Executive Director's memorandum dated April 5, 2013, and the Chief Financial Officer is authorized to set aside \$35,000 for such amendment.
Operations Committee:	<hr/> Jake Mackenzie, Chair
Approved:	Date: April 12, 2013